

Languages and Technologies

Reflections and considerations

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Conference, October 25, 2008

Consider her point of view...



What technologies did she mention?



What technologies can you add to the list?

Share the ideas on your
Techno Notes at your table/group



1. THINK

2. TALK

3. WRITE

4. POST

Consider the following....

“To integrate technology into classroom practice in the manner envisioned by ardent proponents, teachers must take two radical changes – not only must they learn how to use technology, but they must also fundamentally change how they teach”

(Fabry & Higgs, 1997)

The BECTA STUDY

Building on common knowledge

The BECTA studies

British Education Communications and Technologies Agency

A dedicated site to the understanding of uses of technology in education

The site is run from a UK organization and it deals mainly with UK education policies

Research information on the site is available to the general public

Building on common knowledge

The BECTA studies

A specific section on research that was focused on for this presentation is the: ICT Research

<http://partners.becta.org.uk/index.php?section=rh&rid=13660>

Three key summaries are being considered here:

1. What the research says about using **ICT in modern foreign languages**
([link](#))
2. What the research says about **barriers to the use** of ICT in teaching
([link](#))
3. What the research says about ICT and reducing **teacher's workloads**
([link](#))

ICT and Modern Foreign Languages

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What the research says about using ICT in modern foreign languages [\(link\)](#)

Students appear to:

- Be more engaged
- Can have individual access and own pace
- Can access authentic materials
- Can find appeal to own learning styles
- Personal interests are being met

Teachers appear to:

- Have expanded access to authentic communicative tools
- Engage in communication with native speakers
- Have access to authentic materials and activities for their classes

*RESEARCH INDICATES A **POSITIVE ASSOCIATION** OF EFFECTIVE USE OF TECHNOLOGY **WITH SL LEARNIGN ATTAINMENT***

Building on common knowledge



What the research says about using [ICT in modern foreign languages](#) (link)

FACTORS OF EFFECTIVE USE OF TECHNOLOGY INCLUDE:

- Access to resources is available on a regular and dependable way
- Ongoing training and professional development is available to teachers
- Comprehensive planning is in place (sound pedagogy and technical expertise are fused together)

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What the research says about using [ICT in modern foreign languages](#) (link)

EXAMPLES

- The French Perspective Study:
 - Two schools combined together – Ecole Sanquer and Montgomery Combined Schools – to communicate everyday

ECOLE SANQUER

- Karaoke singing together of the schools
- Virtual tour of the schools

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What the research says about using ICT in modern foreign languages [\(link\)](#)

CONSIDERATIONS AND FURTHER RESEARCH WORK

- Back in 2003 in England, 20% of SL teachers still did not use any technology in their lessons.
 - *What indicators do we have in Canada (Alberta) about this specific statistical data?*
- No systematic access to models of use and best practice of SL and technology integration is currently available.
 - What planning should go into place to go about gathering this type of information?

Barriers to using ICT



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What the research says about **barriers to the use** of ICT in teaching [\(link\)](#)

KEY FACTORS

- Resource-related
- Associated to training and experience with technologies
- Attitudinal factors
- Institutional factors

TEACHERS

1. Time
2. Personal experience
3. Fear of not-knowing enough
4. Perception of obstacles of technology
5. Motivation

SCHOOLS

1. Equipment
2. Unreliability of tools
3. Technical support
4. Institutional support
5. Differentiated training



Building on common knowledge

What the research says about **barriers to the use** of ICT in teaching [\(link\)](#)

THE BECTA SURVEY

- 2003 survey
- 170 individuals indicating barriers to use of technology
 - 48 – lack of confidence
 - 47 – lack of access to resources
 - 37 – lack of time

ICT and Teachers' Workload

Building on common knowledge

What the research says about ICT and reducing **teacher's workloads** [\(link\)](#)

THE TEACHER WORKLOAD STUDY

- Conducted by PricewaterhouseCoopers (PwC, 2001)
- *...it estimates that ICT could save between 3.25 hours and 4.55 hours per teacher per week. The issue [...] is however, much wider than whether ICT can help. Technology may be able to save time [...] but whether the tasks are necessary in the first place need careful consideration.*

Not much research available on this key issue
More advice than data available at this time

Building on common knowledge

What the research says about ICT and reducing **teacher's workloads** [\(link\)](#)

EXTREMELY IMPORTANT FACTORS IN CONSIDERING THE TEACHERS' WORKLOAD

- Desire to share
- Desire to invest energies upfront
- Coherent planning is in place
- Training and time to learn and practiced is provided



Continuing the
conversation...

How can we connect these technologies to SL classes?

SPREADSHEETS

BLOGS

WIKIS

GOOGLE TOOLS

DISCUSSION FORUMS

E-LEARNING

DOCS

AVATARS AND
SECOND LIFE

SKYPE

VOKI

ANIMATE



More ideas on technologies...



WHITEBOARDS

Adjectives example

- Encourage varied, creative and seamless use of teaching materials
- Higher and more profound engagement of students in learning experiences
- Facilitates interaction with learning materials

EXPLORING FULL RANGE OF CAPABILITIES IS ESSENTIAL TO THE
USE OF THIS TOOL

MUST BE ACCOMPANIED BY SOUND PEDAGOGICAL DESIGN

Regular use of ICT in SL classes can...



- Support learners in focusing on patterns (use of color coding, sharing of free activities)
- Assist students in getting in contact with authentic places and resources
- Meet students different needs (with adequate planning)
- Assist teachers in monitoring progress effectively
- Assist teachers in sharing plans and resources
- Assist teachers in developing cross-curricular work
- Enhance motivation in general

Smartboard reading activity with Starfall



The M.I.A. model...

Motivation

- Personal involvement and desire
- Investment of time and energy
- Learn something different and new
- Attitudes

motivation

Inspiration

- Models and best practice
- Research and new ideas
- Communities of learning and sharing environments
- Participation in research studies to deepen data

Access

- School support
- Hardware and software
- Time
- PD - specialized
- Technical support

copyrights

Back to the discussion
board...

